

Appl. No. 10/640,341
Amdt. Dated May 16, 2005
Reply to Office Action of February 14, 2005

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A surface light source device, comprising:

a transparent light guide plate; plate:

at least a light source for emitting light, positioned adjacent to a corresponding edge surface of the light guide plate; and

~~at least a light source holder for fixing the light source;~~ light source holders provided at corners of the light guide plate for fixing the light source;

wherein, ~~the at least a light source holder~~ the light source holders and the light guide plate combine into one assembly.

Claim 2 (currently amended): The surface light source device as described in claim 1, wherein ~~the at least a light source holder is~~ the light source holders are made of silicon rubber.

Claim 3 (currently amended): The surface light source device as described in claim 1, wherein ~~the at least a light source holder is~~ the light source holders are integrated with the light guide plate by an injection-molding process.

Claim 4 (currently amended): The surface light source device as described in claim 1, wherein ~~the at least a light source holder is~~ the light source holders are attached to the light guide plate.

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Claim 5 (canceled)

Claim 6 (currently amended): The surface light source device as described in claim 1, further comprising at least a reflector coupling with ~~at least a light source holder~~ the light source holders and enclosing a corresponding light source on three sides.

Claim 7 (currently amended): The surface light source device as described in claim 6, wherein the reflector has at least a protrusion for engaging with at least an edge of ~~at least one of the corresponding light source holders~~.

Claim 8 (original): The surface light source device as described in claim 6, wherein the reflector is attached to the corresponding light source holders using screws or by bonding.

Claim 9 (currently amended): The surface light source device as described in claim 1, wherein ~~the at least a light source holder~~ each light source holder has a hole for receiving an end of the ~~at least a light source~~.

Claim 10 (currently amended): The surface light source device as described in claim 9, wherein a heat insulated spacer is installed between an inner surface of each hole and a corresponding end of the corresponding light source, ~~and~~ an inner diameter of the heat insulated spacer is slightly greater than a diameter of the end of the light source, and a diameter of the hole is slightly greater than an outer diameter of the heat insulated spacer.

Claim 11 (currently amended): A surface light source device, comprising:

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a transparent light guide ~~plate;~~ plate;

at least a light source for emitting light, positioned adjacent to a corresponding edge surface of the light guide plate; and

~~at least a light source holder for fixing the light source;~~ a plurality of light source holders, each light source holder being provided at a respective corner of the light guide plate;

wherein, the ~~at least a light source holder is~~ light source holders are integrally formed with the light guide plate by an injection-molding process.

Claim 12 (currently amended): The surface light source device as described in claim 11, wherein ~~the at least a light source holder is~~ the light source holders are made of silicon rubber.

Claim 13 (canceled)

Claim 14 (currently amended): The surface light source device as described in claim ~~[[13]]~~ 11, wherein each light source holder has a hole for receiving a corresponding end of a corresponding light source.

Claim 15 (currently amended): The surface light source device as described in claim 14, wherein a heat insulated spacer is installed between an inner surface of each hole and a corresponding end of the corresponding light source, ~~and~~ an inner diameter of the heat insulated spacer is slightly greater than a diameter of the end of the light source, and a diameter of the hole is slightly greater than an outer diameter of the heat insulated spacer.

Claim 16 (currently amended): The surface light source device as described in claim 11, further comprising at least a reflector coupling with ~~at least a light source~~

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~~holder~~ the light source holders and enclosing a corresponding light source on three sides.

Claim 17 (currently amended): The surface light source device as described in claim 16, wherein the reflector has at least a protrusion for engaging with at least an edge of ~~at least~~ one of the corresponding light source holders.

Claim 18 (original): The surface light source device as described in claim 16, wherein the reflector is attached to the corresponding light source holders using screws or by bonding.

Claim 19 (canceled)

Claim 20 (canceled)

Claim 21 (new) A liquid crystal display comprising:
a transparent light guide plate having a rectangular configuration from a top view thereof;
at least one light source holder integrally extending from said rectangular configuration,
said light source holder defining a through hole extending along an imaginary axis thereof; wherein
said imaginary axis is spatially located beside one side edge of said rectangular configuration in a parallel relation, and said light source holder extends along said axis with a distance smaller than a length of said side edge.

Claim 22 (new) The liquid crystal display as claimed in claim 21, wherein

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said side edge is a long side edge rather than a short side edge of said rectangular configuration.

Claim 23 (new) The liquid crystal display as claimed in claim 21, wherein a tubular type light source extends through said through hole along said imaginary axis.

Claim 24 (new) The liquid crystal display as claimed in claim 23, wherein said tubular type light source extends along said imaginary axis with a distance essentially similar to said length of said side edge.